Version：1.1

Update：2020-04-22

SAFETY DATA SHEET

Section 1-Identification of the substance/mixture and of the company/undertaking

1.1 Identification of the substance or mixture

Product code : M00200

Product name : Human Recombinant NK2 Tachykinin Receptor Stable Cell Line

1.2 Company/undertaking identification

GenScript Technologies

1.3 24 hour Emergency Response:

Emergency Phone #: 1-732-885-9188

Telephone : 1-877-436-7274

Fax : 1-732-210-0262

E-mail address : product@genscript.com

Web : http://www.genscript.com

1.4 For Research Use Only. Not for use in diagnostic procedures.

Section 2- Hazards identification

2.1 GHS - Classification

Signal Word

None.

Health hazards

Not classified

Physical hazards

Not classified

Hazard Statements

Not Applicable

Precautionary Statements

Not Applicable

2.2 Principle Routes of Exposure Potential Health Effects

Eyes

Mild eye irritation

Skin

Skin contact may cause skin irritation.

Skin absorption may be harmful if absorbed through the skin

Inhalation

Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion

May be harmful if swallowed.

2.3 Specific effects

Carcinogenic effects

None.

Mutagenic effects

None.

Reproductive toxicity

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None.
Sensitization
None.
Target Organ Effects
No known effects under normal use conditions.

2.4 HMIS

Health	0
Flammability	0
Reactivity	0

Section 3- Composition/information on ingredients

Chemical Name	CAS-No	EINECS-No	Weight %
Dimethylsulfoxide	67-68-5	3875	10%

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4- First aid measures

4.1 Skin contact

Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

4.2 Eye contact

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

4.3 Ingestion

Remove to fresh air. If breathing becomes difficult, call a physician. 4.4 Inhalation

4.4 Notes to Physician

Treat symptomatically.

Section 5- Firefighting measures

5.1 Suitable extinguishing media

Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

5.2 Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions.

Section 6- Accidental release measures

6.1 Personal precautions

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

6.2 Methods for cleaning up

So Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

6.3 Environmental precautions

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

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Section 7- Handling and storage

7.1 Handling

Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

7.2 Storage

Liquid nitrogen.

Section 8- Exposure controls/personal protection

8.1 Exposure Limits

Not available

8.2 Engineering measures

Mechanical exhaust required.

8.3 Personal Protective Equipment

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) respirator.

Respiratory protection

Respiratory protection is not required.

Hand protection

Impervious gloves.

Eye protection

Wear safety glasses with side shields (or goggles).

Skin and Body Protection

Lightweight protective clothing.

Hygiene measures

Wash thoroughly after handling.

8.4 Environmental exposure controls

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 9- Physical and chemical properties

9.1 General information

Appearance	
Physical State	Liquid
Property	
Molecular Weight	Not available
pH	Not available
BP/BP Range	Not available
MP/MP Range	Not available
Freezing Point	Not available
Vapor Pressure	Not available

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Vapor Density	Not available
Saturated Vapor Conc.	Not available
SG/Density	Not available
Bulk Density	Not available
Odor Threshold	Not available
Volatile%	Not available
VOC Content	Not available
Water Content	Not available
Solvent Content	Not available
Evaporation Rate	Not available
Viscosity	Not available
Surface Tension	Not available
Partition Coefficient	Not available
Decomposition Temp.	Not available
Flash Point	Not available
Explosion Limits	Not available
Flammability	Not available
Autoignition Temp	Not available
Refractive Index	Not available
Optical Rotation	Not available
Miscellaneous Data	Not available
Solubility	Soluble

Section 10- Stability and Reactivity

10.1Stability

Stable under normal conditions.

10.2 Materials to avoid

No dangerous reaction known under conditions of normal use.

10.3 Hazardous decomposition

Nature of decomposition products not known.

10.4 Products polymerization

Polymerization of products not known.

Section 11-Toxicological information

11.1 Acute Toxicity

Chemical Name	LD50 (oral,rat/mouse)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat/mouse)
Dimethylsulfoxide	14500 mg/kg (Rat)	Not available	Not available

No toxicology information is available.

11.2 Principle Routes of Exposure Potential Health Effects

Eye	Mild eye irritation
Skin Contact	May cause skin irritation

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Skin Absorption	May be harmful if absorbed through the skin
Inhalation	Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Ingestion	May be harmful if swallowed
Conditions Aggravated by Exposure	The toxicological properties have not been thoroughly investigated.

Section 12- Ecological information

Eco-toxicity Toxicity of The Products of Biodegradation	The product itself and its products of degradation are not toxic.

Section 13- Disposal considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14- Transport information

14.1 IATA

Proper Shipping Name	Non-hazardous for transport.
Hazard Class	None
Subsidiary class	None
Packing group	None
UN-No	None

Section 15- Regulatory information

15.1 US Federal Regulations

SARA 313

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contains HAPs

15.2 US State Regulations

Chemical Name	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK	Illinois - RTK	Rhode Island - RTK
Dimethylsulfoxide	No	No	No	No	No

California Proposition 65

This product does not contain any Proposition 65 chemicals.

15.3 WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the

MSDS contains all the information required by the CPR.

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Section 16- Other information

16.1 Reason for revision

SDS sections updated.

For in vitro research use only. Not for use in diagnostic procedures.

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution.
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